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TWO DIMENSIONAL OBJECT POSITION SENSOR

Abstract of the Disclosure

Apparatus and method for sensing the position, size, shape and location orientation of one or more objects in two dimensions. The position sensor uses arrays of light sensors mounted on a substrate. When an object passes in proximity to the light sensors light energy from a plurality of light sources is either reflected from the object to the light sensors, or is emitted directly to the light sensors. The light energy is then converted to individual signals and transmitted through circuit traces in a printed circuit board to a local controller. The information may then be processed to determine the size, position, shape and location orientation of an object.

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